



Project Manager,
Transportation Information Systems

TC-AIMS II
NGB IT Conference



8 Dec 2004

Presented by
Stephen Williams



Agenda



- Overview
- Requirements and Acquisition Strategy
- Unit Movement Capabilities
- Information Assurance
- Fielding
- Support to the system

PM Transportation Information Systems



TIS JPMO Focus



Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders



PM, Transportation Information Systems Programs



Joint Migration Systems Army Legacy Systems

TC-AIMS II

(ACAT IAM)

Transportation Coordinators' -
Automated Information for
Movements System

AALPS

(ACAT IV)

Automated Airlift Planning
System

TC ACCIS

Transportation Coordinators
Automated Command and
Control Information System

TIS-TO

Transportation Information
System-
Theater Operations
(Web-based version of DAMMS-R)

DAMMS-R

Department of the Army
Movement Management System-
Redesign



TIS Applications (Original Status)



Application	Original Status		
	Operating System	DBMS	Code Base
TC-AIMS II	WinNT	Sybase 12.0	Power Builder
TC ACCIS	SCO Unix	Informix	Informix/C
TIS-TO	SCO Unix WIN 95	Ada Sage	Ada
AALPS	WinNT	Sybase 12.0	C
AMFT	WinNT	FoxPro	FoxPro
DS2T	WinNT	FoxPro	FoxPro



TIS Applications (Current Status)

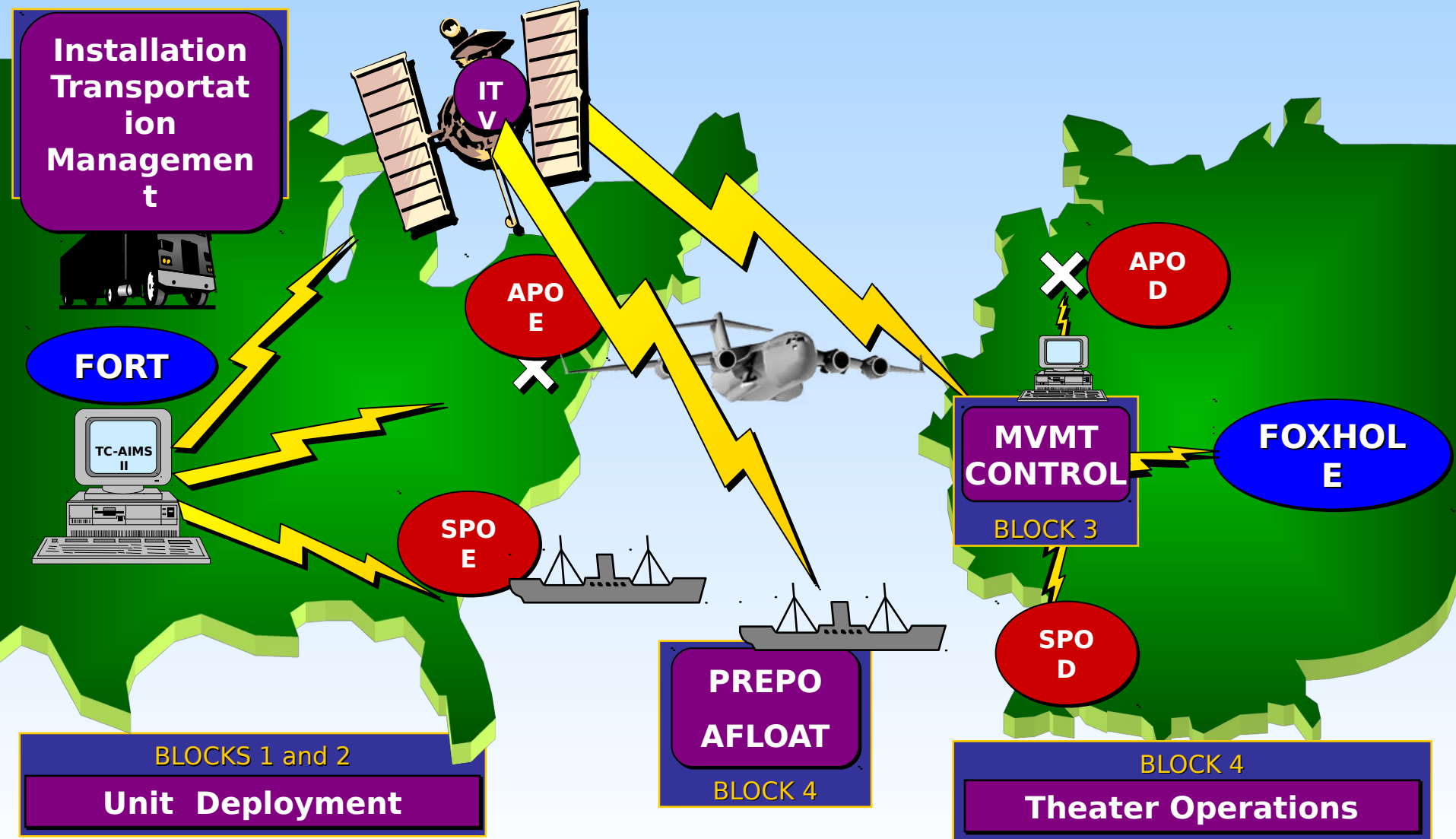


Application	Current Status		
	Operating System	DBMS	Code Base
TC-AIMS II	2000	Sybase 12.5	Power Builder/ Java
AALPS			C
TIS-TO		Ada Sage	Ada
AMFT		FoxPro	FoxPro
DS2T		FoxPro	FoxPro
TC ACCIS	SCO Unix	Informix	Informix/C

Requirements and Acquisition Strategy



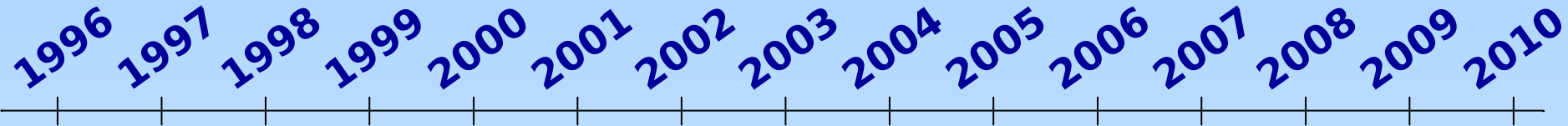
Operational View





TC-AIMS II Acquisition Structure

(Funded Across POM)



Unit Move



Enhanced Unit Move (Web)



Movements Control and Planning Map Graphics



Maritime Prepositioning Force and Theater Ops



ITO/TMO

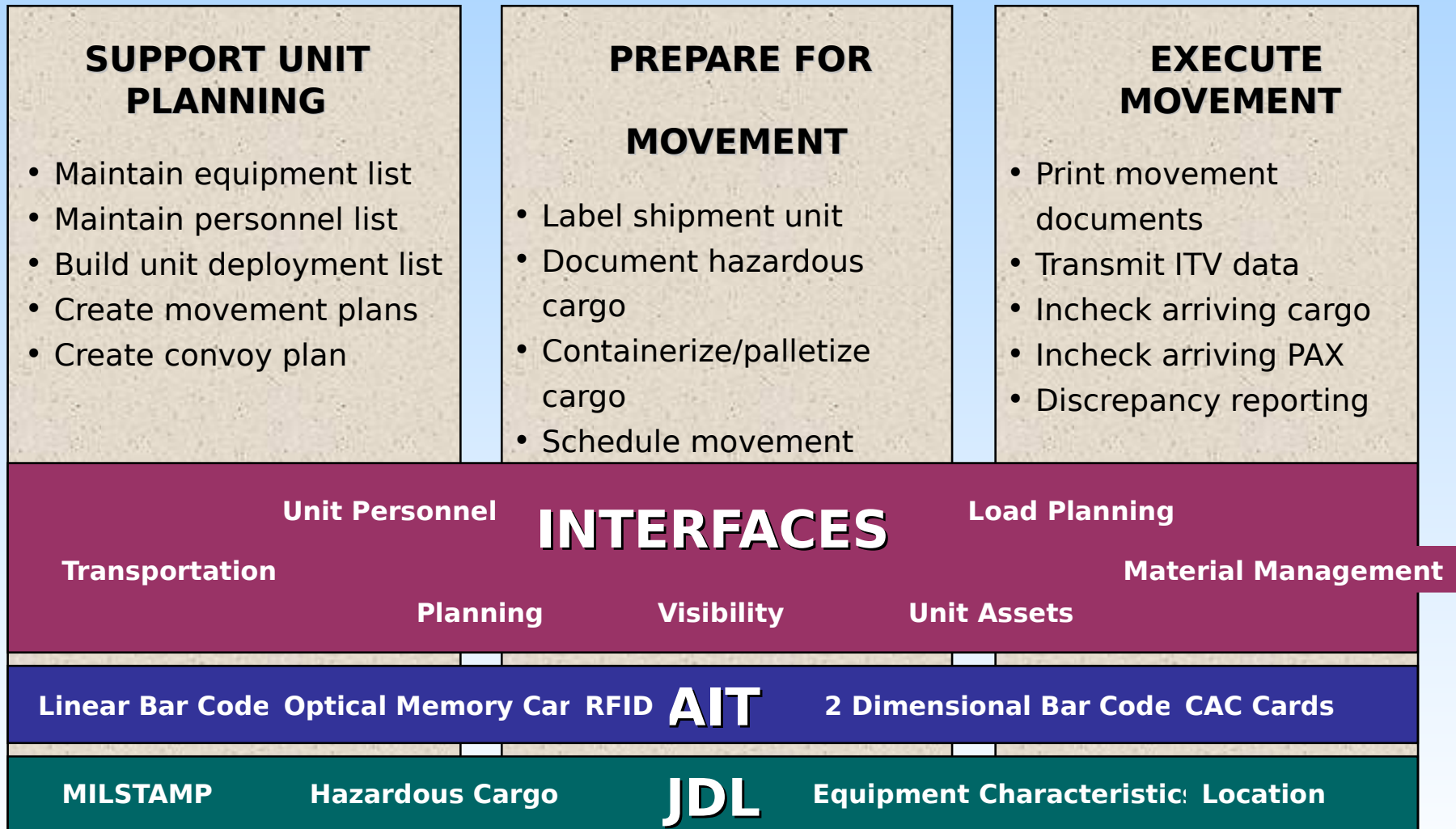
Block 2 Schedule

- Requirements and Design Reviews Continual
- Government Testing (DT) Apr-Jul 03
- Test and Evaluation (OT) Apr-Jun 04
- Milestone III (Fielding Decision) Pending

TC-AIMS II Unit Movement Capabilities

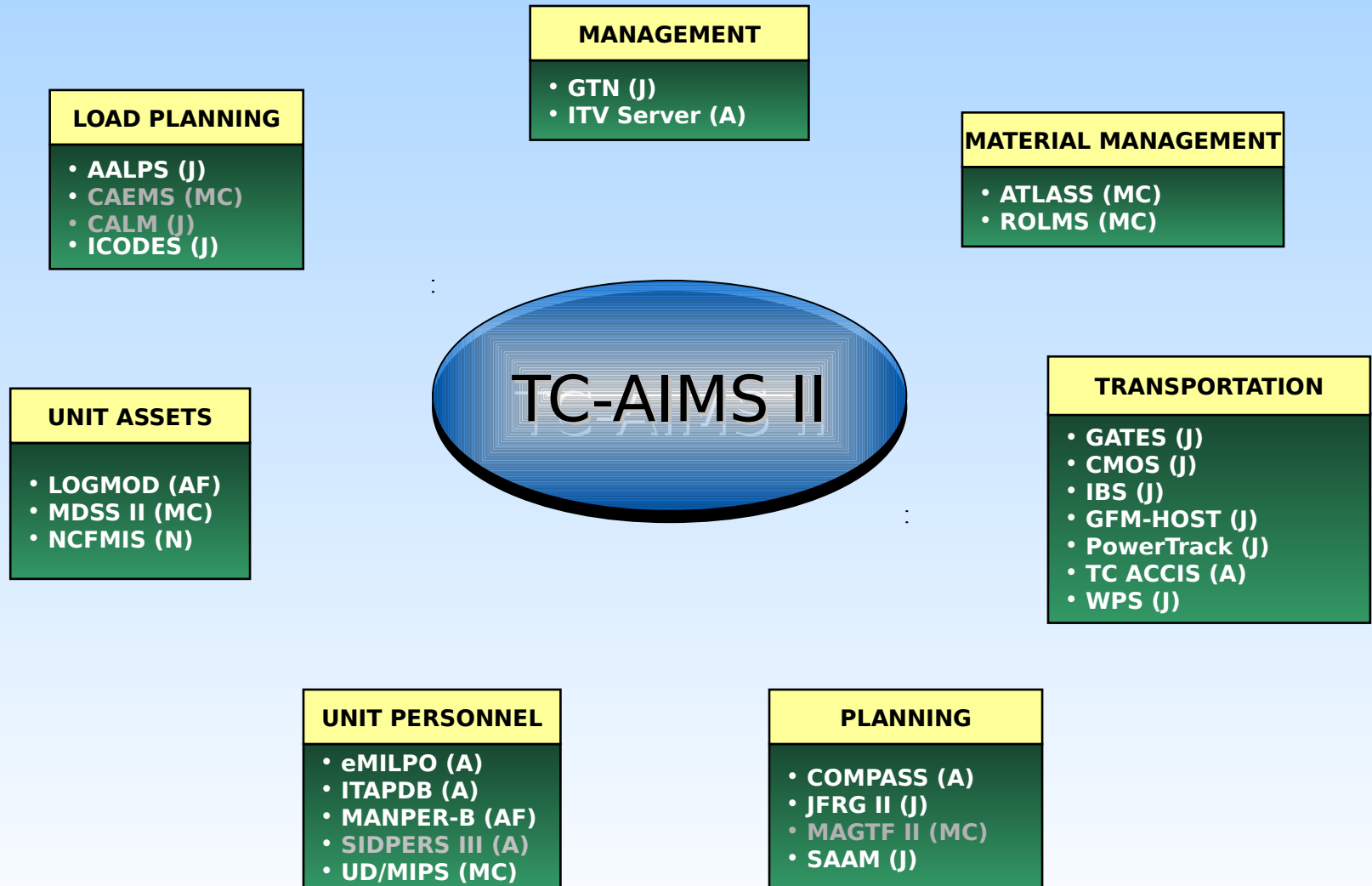


TC-AIMS II Functional Composition



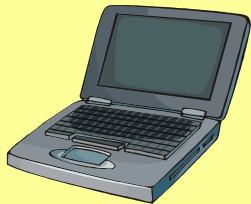


TC-AIMS II Interfaces



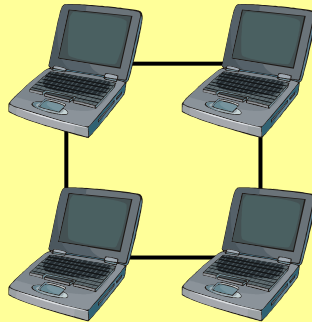
Scaleable System

BLOCK 1



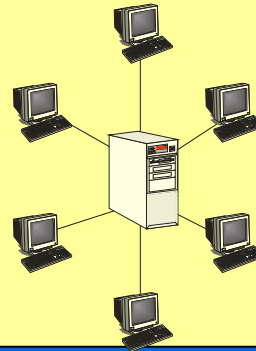
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases
- Iridium satellite connectivity to global networks



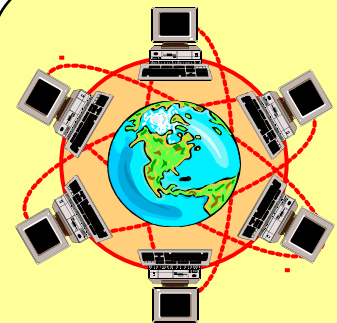
Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help



Standalone Configuration



All operational necessities are self contained on a laptop

Hardware

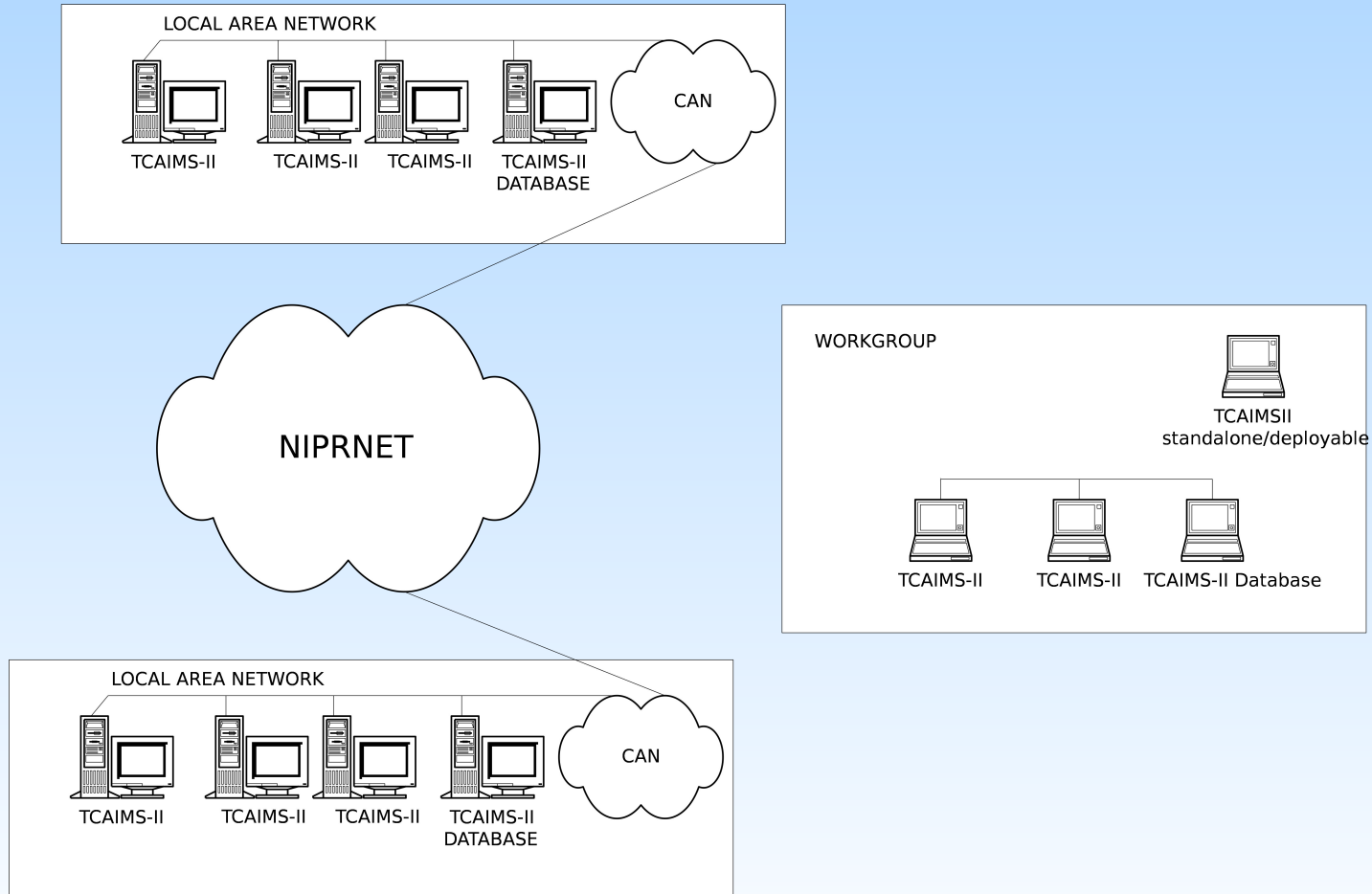
CPU	Intel Pentium 4 2GHz or Higher
RAM	1GB
HD	60GB
Video	SVGA with 16MB

Software

OS	Windows 2000 w/ XP upgrade
	MS Office Professional
	Norton Anti-Virus
	TC-AIMS II
	AAPLS



Workgroup and Client Server Configuration

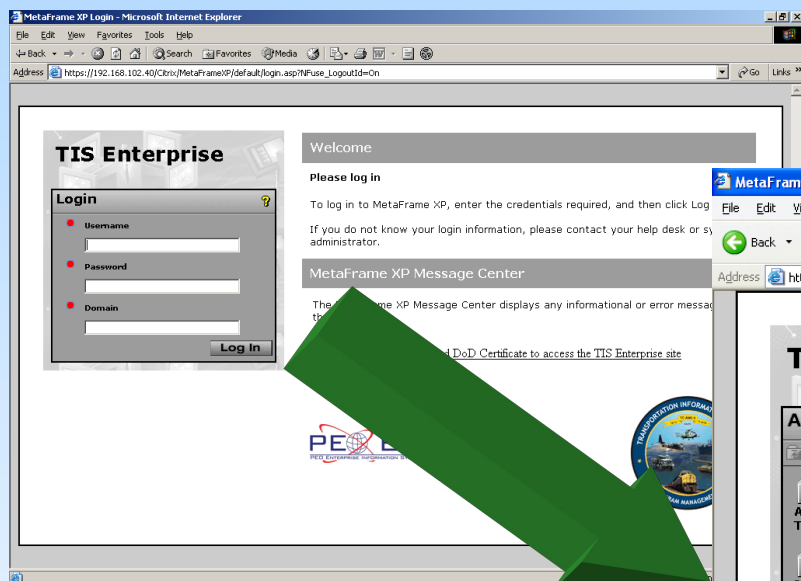




Enterprise Configuration



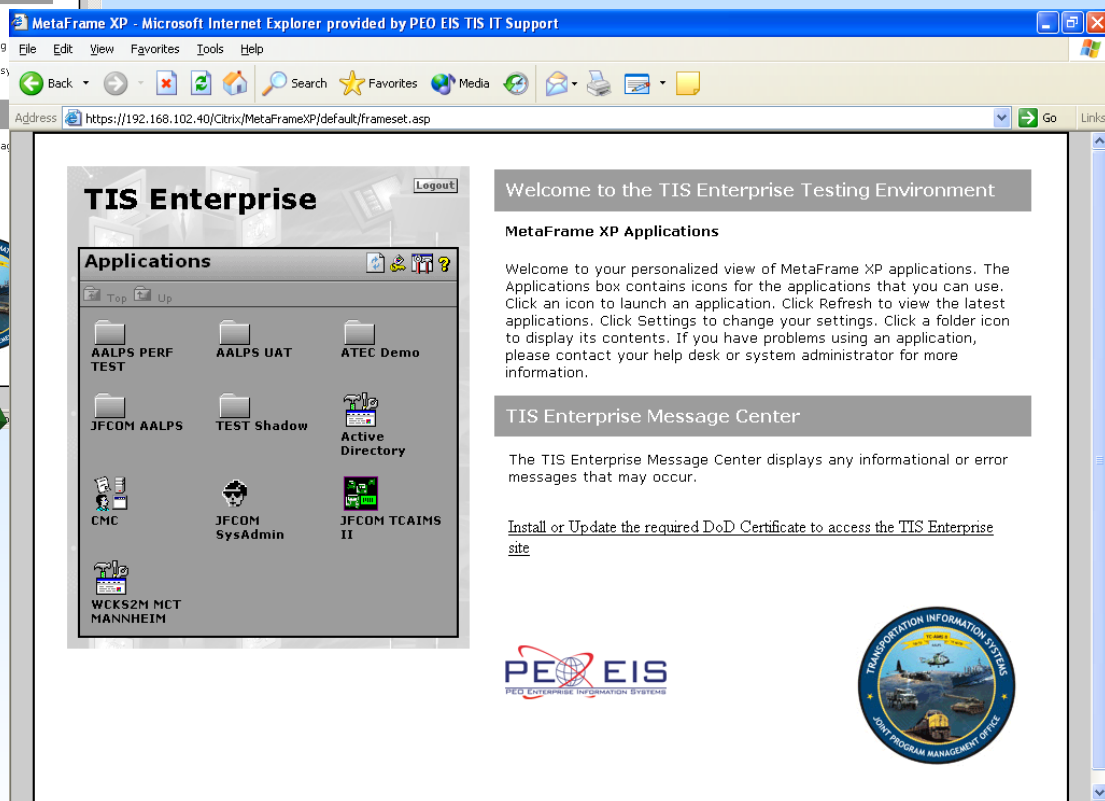
Web based access to all applications



Requirements

- ICA Client
- DoD Root Certificates
- IE 6 or later with 128 bit cipher strength

TIS/NGBIT



TC-AIMS II Information Assurance



Information Assurance



- System accredited as sensitive but unclassified
- Has certificate of network worthiness
- Generic SOP for local adaptation
- Requires local administration of user TIS accounts
- ACERT process
 - TIS will test and post results on web site
<https://www.tis.army.mil/help.htm>
 - Local SA will apply to local boxes
 - TIS will apply to enterprise



Web Site Support





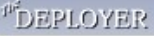
TRANSPORTATION INFORMATION SYSTEMS



- Intro
- Library
- Testing
- Training
- Links
- Help Desk
- Downloads
- What's New
- Site Map
- Home

TIS Programs

- TC-AIMS II
- TC-ACCIS
- TIS-TO
- AALPS



Help Desk Information - FAQs

[Contact Info](#) | [General](#) | [Procedures](#) | [Customer Support Services](#)

Help Desk Phone Numbers: (703) 752-0806 or
866-TC AIMS 2 (866-822-4672)
DSN# (312) 221-5000

E-mail: tishelpdesk@eis.army.mil

After Hours Cellular Phone: (571) 237-0858

Help Desk Hours: Sunday-Friday: 2100-1800

NEW!

Technical Tips

NEW!

IAVA Compatability Testing

Approved Microsoft Service Packs

Helpdesk Request



Active Directory Support



- Migration to a NETCOM approved AD Forest management structure should present no problem.
- NETCOM AD naming conventions may require a system host name to be changed. Any required system host name changes should be coordinated through the TIS Help Desk.
Failure to do so will render TC-AIMS II and/or AALPS inoperable.



Key Players in Local User Account Management



Local Administrators

To positively identify users; create TIS accounts; create user application profiles; and manage user accounts for a defined set of units (UICs)

- Meet IT Category II requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Attend local administrator workshop during NMIB/Site Survey

Unit Commander

(or designee) of specific military unit that can authorize access to TIS application and verify roles/responsibilities for access and use of unit data within TIS applications

User Qualifications

- Meet IT Category III requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive identification performed by local administrator

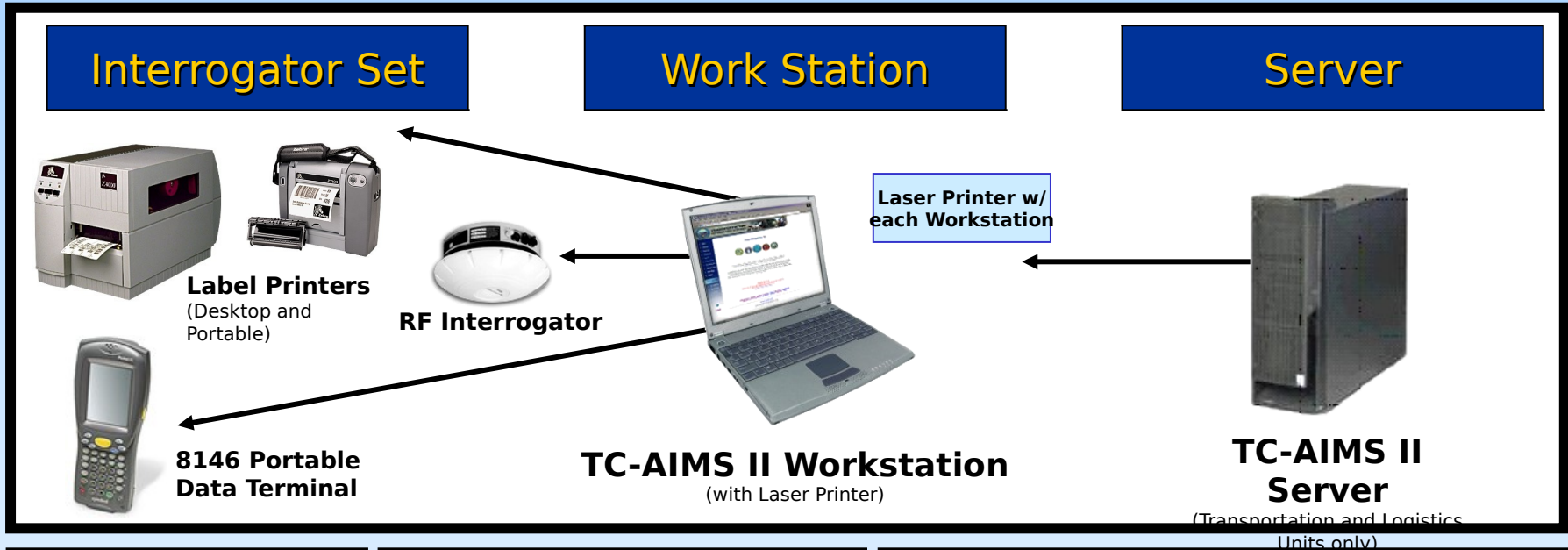
Position Category	Civilian	Military	Contractor	Non-U.S. Citizen*
IT-I (SA/IA)	SSBI	SSBI	SSBI	SSBI, if approval granted
IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
IT-III (Users)	NACI	NAC	NAC	NAC

TC-AIMS II Fielding





TC-AIMS II Typical Unit Move Hardware Distribution



Separate Company

Company HQ



w/Printer

Battalion Level

S-3



w/Printer

S-4



w/Printer

Brigade Level and Higher

S-3



w/Printer

S-4



w/Printer



HHC



w/Printer

Hardware: AIT



**Zebra Z-4000
Desktop Label
Printer**



**Zebra PT-400
Portable
Label Printer**



**Zebra Z-4M
Desktop Label
Printer**



**Savi Tag
Docking
Station**



**Symbol Portable
Data Terminal
8146
(47 key)**



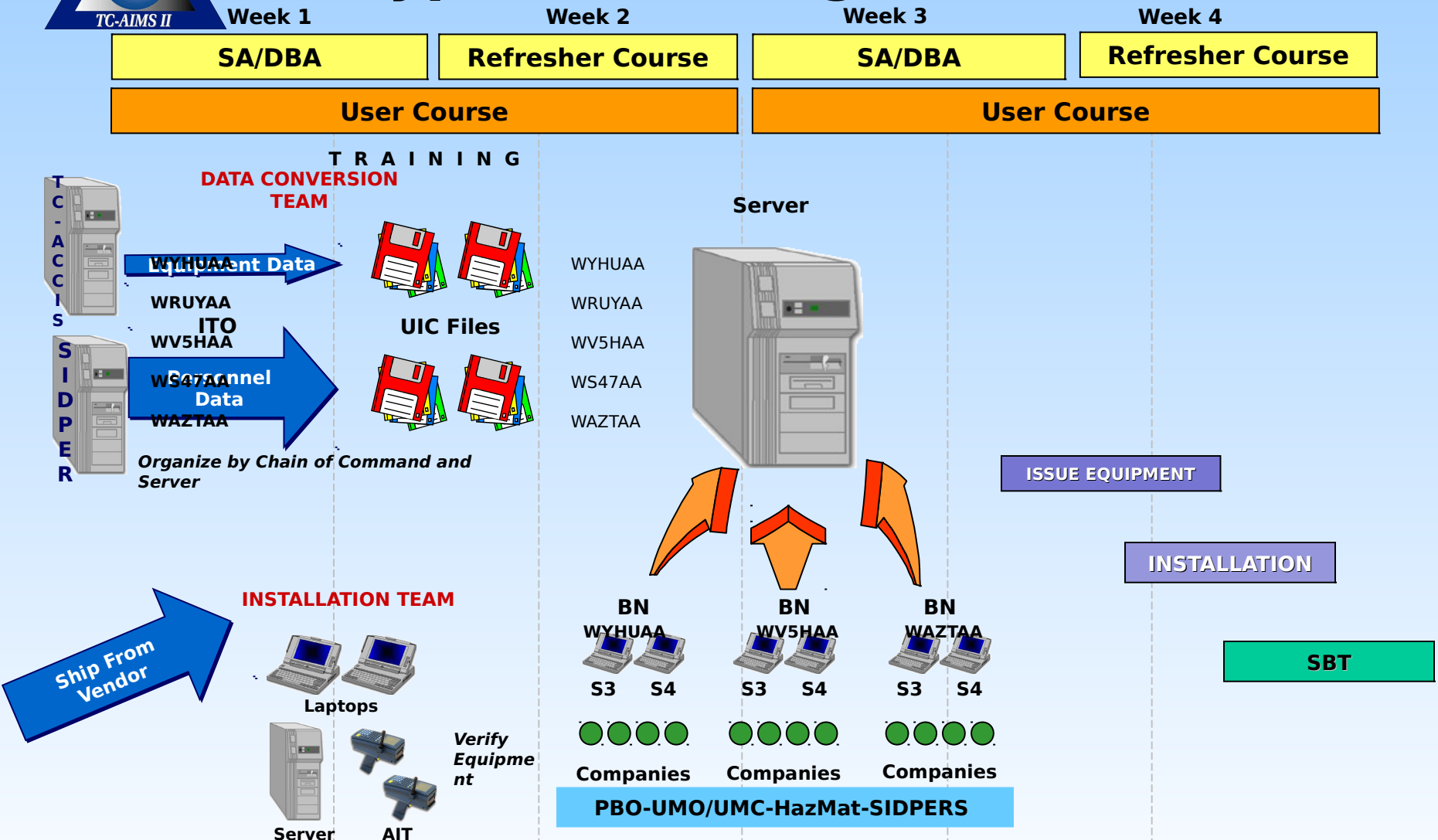
**Savi 410R Hand
Held
Interrogator/Scann
er**



**Savi Fixed
Interrogator**



Typical Fielding Process

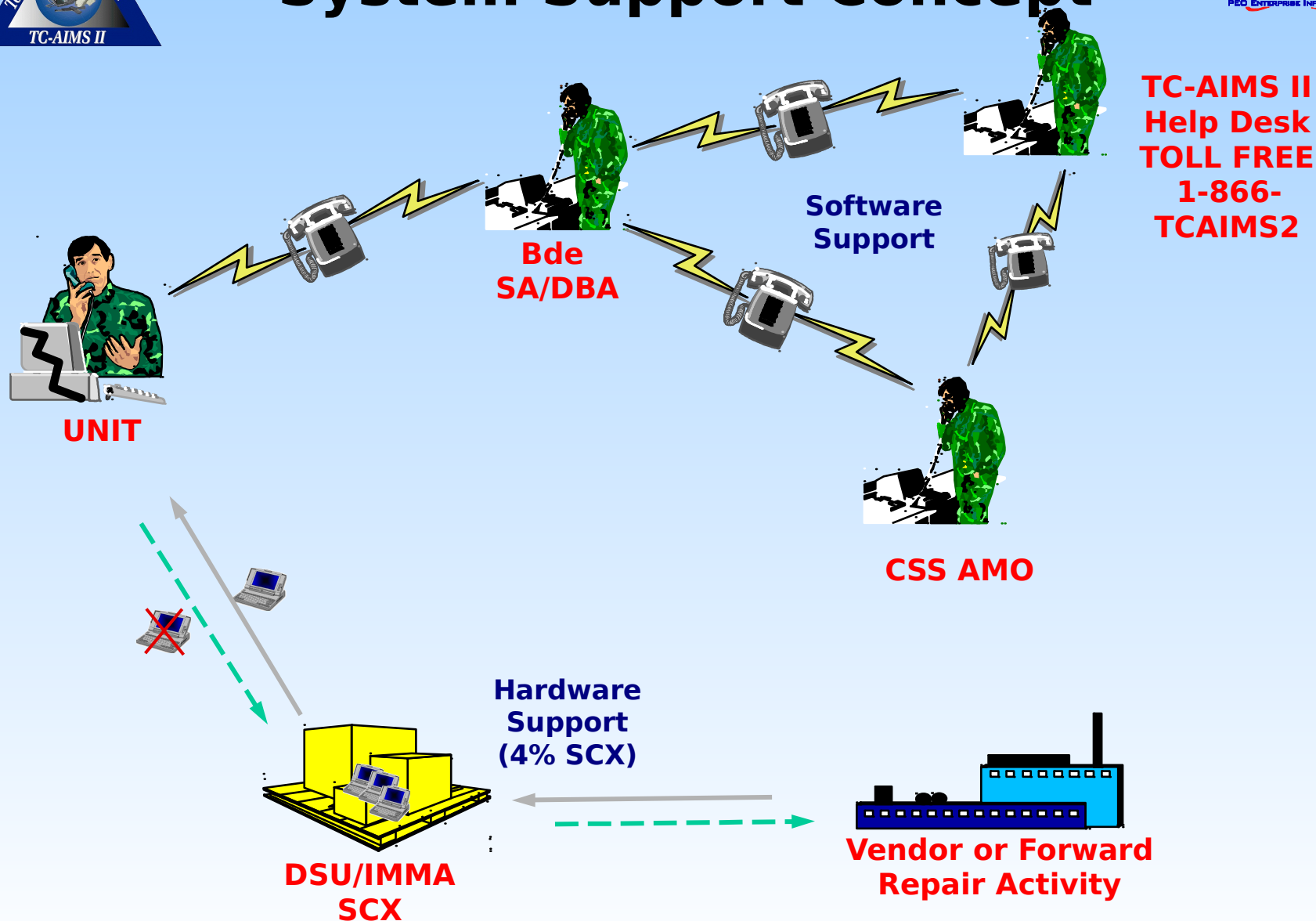


System Support





System Support Concept





Helpdesk Support



- Telephonic Support
- Web Site Support
- Helpdesk Portal
 - Open or review ticket status
 - Knowledge Base Search
 - FAQs
- Shadowing for Block 2 users



Interactive Multi-Media Training Approach



➤ Multimedia Training

- Provides hands-on, self-paced, online training
- May be accessed from the application via help facilities or in a standalone mode
- Used as a refresher for trained operators
- Can be used for new operator under direction of trained supervisor





TIS Key Personnel



<https://www.tis.army.mil/>

Project Manager

Mr. Robert Morris (703) 752-0755

Deputy Project Manager

Mr. Lee DeArmond (703) 752-0756

Technical Directorate

Ms. Jean Price (703) 752-0775

Director of Business Management

Ms. Linda Young (703) 752-0758

Director of Integrated Logistics Support and Fielding

Mr. Doug Garrell (703) 752-0759

Deputy Director of Integrated Logistics Support and Fielding

Vacant

Chief, ILS Division

MAJ Wilbert Bryant (703) 752-0888

Chief, Fielding Division

MAJ Darrell Bennis (703) 752-0810

Service Functional Experts

Mr. Bill Dunn (USA) (703) 752-0854

Vacant (USMC)

Vacant (USN)

MAJ Joseph Yates (USAF) (703) 752-0847

Questions?

Backups



